

## EAST Search History

## EAST Search History (Prior Art)

| Ref # | Hits | Search Query  | DBs                                      | Default Operator | Plurals | Time Stamp          |
|-------|------|---|--|------------------|---------|---------------------|
| L1    | 2    | ("7060215").PN.   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR               | OFF     | 2009/06/26<br>15:54 |
| L2    | 1    | (10/392066).APP.  | US-PGPUB;<br>USOCR                       | OR               | ON      | 2009/06/26<br>15:54 |
| S2    | 4    | ("20050082712"  <br>"5429786"   "5626382"  <br>"6838027").PN.   | US-PGPUB;<br>USPAT                       | OR               | ON      | 2009/04/19<br>15:37 |
| S4    | 4    | ("3000058"   "5582789"  <br>"5895613"   "6447706").<br>PN.  | US-PGPUB;<br>USPAT                       | OR               | ON      | 2009/04/19<br>16:08 |
| S5    | 50   | (("20010008668") or<br>("20020092598") or<br>("20030041955") or<br>("20030228455") or<br>("20040169396") or<br>("20040229013") or<br>("20050173909") or<br>("20050206027") or<br>("20060154028") or<br>("20070035071") or<br>("20080157432") or<br>("4269316") or<br>("4286401") or<br>("4313640") or<br>("4316297") or<br>("4366611") or<br>("4375828") or<br>("4387516") or<br>("4389533") or<br>("4471872") or<br>("4474635") or<br>("4474840") or<br>("4496406") or<br>("4529092") or<br>("4546986") or<br>("4552135") or<br>("4826249") or<br>("5429852") or<br>("5626382") or<br>("5679296") or<br>("5847961") or<br>("5904386") or<br>("5913996") or<br>("5932331") or<br>("5962089") or | US-PGPUB;<br>USPAT                       | OR               | OFF     | 2009/04/29<br>12:02 |

|    |      |   |  |    |     |                     |
|----|------|---|--|----|-----|---------------------|
|    |      | ("6003938") or<br>("6029409") or<br>("6107569") or<br>("6129421") or<br>("6139086") or<br>("6238507") or<br>("6341921") or<br>("6426130") or<br>("6890462") or<br>("6982021") or<br>("7005092") or<br>("7108311") or<br>("7150471") or<br>("7323126") or<br>("7425029")).PN.  |  |    |     |                     |
| S6 | 7196 | ((156/245) or (264/46.4)<br>or (264/46.5) or<br>(264/46.6) or (264/46.8)<br>or (280/751) or<br>(296/146.7)).CCLS.   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2009/04/29<br>12:04 |
| S7 | 0    | ("2007/0035071").URPN.  | USPAT                                    | OR | ON  | 2009/06/19<br>13:38 |
| S8 | 6    | ("20020125734"  <br>"4445954"   "4741945"  <br>"5387390"   "5397409"  <br>"6248200").PN.  | US-PGPUB;<br>USPAT                       | OR | ON  | 2009/06/19<br>13:41 |
| S9 | 166  | ("20010008668"  <br>"20010025456"  <br>"20020066972"  <br>"20020121714"  <br>"20020121718"  <br>"20020121723"  <br>"20030165664"  <br>"20030189271"  <br>"3808743"   "3948708"  <br>"3964208"   "3989275"  <br>"4057382"   "4243456"  <br>"4411944"   "4474635"  <br>"4519964"   "4549761"  <br>"4555380"   "4562025"  <br>"4662115"   "4751249"  <br>"4766025"   "4779390"  <br>"4781956"   "4783114"  <br>"4800681"   "4802948"  <br>"4806094"   "4810452"  <br>"4827671"   "4830916"  <br>"4845894"   "4853995"  <br>"4869543"   "4873045"  <br>"4923539"   "5004292"  <br>"5022943"   "5034178"  <br>"5040335"   "5053179"  <br>"5071605"   "5073318"  <br>"5073429"   "5091031"  <br>"5095659"   "5102163" | US-PGPUB;<br>USPAT; USOCR                | OR | ON  | 2009/06/19<br>14:02 |

"5143667" | "5200252" |  
 "5224299" | "5271885" |  
 "5275779" | "5290087" |  
 "5306068" | "5328651" |  
 "5340425" | "5387390" |  
 "5395161" | "5411688" |  
 "5418032" | "5419606" |  
 "5429786" | "5462482" |  
 "5464272" | "5474841" |  
 "5482344" | "5535553" |  
 "5535571" | "5536351" |  
 "5571355" | "5580119" |  
 "5580501" | "5582789" |  
 "5582906" | "5595415" |  
 "5603548" | "5618477" |  
 "5626382" | "5695865" |  
 "5709828" | "5759464" |  
 "5762394" | "5776509" |  
 "5811053" | "5837172" |  
 "5840149" | "5866232" |  
 "5868455" | "5904002" |  
 "5919324" | "5924760" |  
 "5928776" | "5947547" |  
 "6027678" | "6063460" |  
 "6090336" | "6149224" |  
 "6168188" | "6174396" |  
 "6183038" | "6196607" |  
 "6197403" | "6210613" |  
 "6213538" | "6248205" |  
 "6391232" | "6422640" |  
 "6426130" | "6616216" |  
 "6673296" | "7005092" |  
 "7156437").PN. OR  
 ("2004/0169396" |  
 "2004/0229013" |  
 "2007/0035071" |  
 "5626382" | "5913996" |  
 "5932331" | "6838027" |  
 "7108311" | "7425029").  
 URFN.

|     |   |                  |                    |    |    |                     |
|-----|---|------------------|--------------------|----|----|---------------------|
| S10 | 1 | (09/805684).APP. | US-PGPUB;<br>USOCR | OR | ON | 2009/06/19<br>14:26 |
| S11 | 1 | (09/871168).APP. | US-PGPUB;<br>USOCR | OR | ON | 2009/06/19<br>14:29 |

|     |     |  |                           |    |    |                     |
|-----|-----|--|---------------------------|----|----|---------------------|
| S12 | 343 | ("0178308"  <br>"20010001687"  <br>"20010028131"  <br>"20020047289"  <br>"20020053750"  <br>"20020066972"  <br>"20020162623"  <br>"20030080582"  <br>"20030116993"  <br>"20030165664"  <br>"20040017023"  <br>"20040056382"  <br>"20040135394"  <br>"20040169396"  <br>"20040169400"  <br>"20050140167"  <br>"20050140168"  <br>"20050227042"  <br>"20050227043"  <br>"20050242619"  <br>"20060026799"  <br>"20060097544"  <br>"20060097545"  <br>"20060154027"  <br>"20060220274"  <br>"2115249"   "2217137"  <br>"2797179"   "3796622"  <br>"3808743"   "3879240"  <br>"3927161"   "3964208"  <br>"3989275"   "3989781"  <br>"4076567"   "4130614"  <br>"4157883"   "4191726"  <br>"4214788"   "4268557"  <br>"4275028"   "4335068"  <br>"4381908"   "4405539"  <br>"4411944"   "4420447"  <br>"4455340"   "4460530"  <br>"4474635"   "4474636"  <br>"4525231"   "4544126"  <br>"4562025"   "4714575"  <br>"4738809"   "4766025"  <br>"4783114"   "4806094"  <br>"4810452"   "4814036"  <br>"4863654"   "4891081"  <br>"4902041"   "4902557"  <br>"4904014"   "4923653"  <br>"4959184"   "4976414"  <br>"5004292"   "5040335"  <br>"5045268"   "5082609"  <br>"5098622"   "5102163"  <br>"5143667"   "5224299"  <br>"5271885"   "5292465"  <br>"5306068"   "5328651"  <br>"5367751"   "5387390"  <br>"5389317"   "5439630" | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/06/19<br>15:36 |
|-----|-----|--|---------------------------|----|----|---------------------|

|     |   |   |                    |    |    |                     |
|-----|---|---|--------------------|----|----|---------------------|
|     |   | "5462482"   "5472655"  <br>"5482344"   "5512233"  <br>"5523045"   "5535571"  <br>"5571597"   "5580119"  <br>"5580501"   "5595415"  <br>"5603548"   "5618477"  <br>"5618485"   "5626382"  <br>"5633289"   "5662996"  <br>"5667868"   "5695865"  <br>"5744231"   "5788906"  <br>"5885662"   "5924760"  <br>"5947511"   "6013210"  <br>"6017617"   "6027678"  <br>"6037038"   "6054087"  <br>"6149853"   "6183038"  <br>"6210613"   "6224364").<br>PN. OR ("6237935"  <br>"6248200"   "6321495"  <br>"6348169"   "6371548"  <br>"6391232"   "6413460"  <br>"6422640"   "6524509"  <br>"6544449"   "6565142"  <br>"6616216"   "6623688"  <br>"6672650"   "6755997"  <br>"6838027"   "7060215"  <br>"7108312"   "7108822"  <br>"7128450"   "7244383").<br>PN. OR ("2001/0028131"  <br>"2002/0017360"  <br>"4562025"   "5053179"  <br>"5071605"   "5073318"  <br>"5271885"   "5429786"  <br>"6183038"   "6955392"  <br>"7060215"   "7108822"  <br>"7195725"   "7241412"  <br>"7367103").URPN. |                    |    |    |                     |
| S13 | 4 | ("20050082712"  <br>"5429786"   "5626382"  <br>"6838027").PN.   | US-PGPUB;<br>USPAT | OR | ON | 2009/06/19<br>15:36 |
| S14 | 4 | ("3000058"   "5582789"  <br>"5895613"   "6447706").<br>PN.  | US-PGPUB;<br>USPAT | OR | ON | 2009/06/19<br>15:36 |

|     |     |   |                    |    |     |                     |
|-----|-----|---|--------------------|----|-----|---------------------|
| S15 | 50  | ((("20010008668") or<br>("20020092598") or<br>("20030041955") or<br>("20030228455") or<br>("20040169396") or<br>("20040229013") or<br>("20050173909") or<br>("20050206027") or<br>("20060154028") or<br>("20070035071") or<br>("20080157432") or<br>("4269316") or<br>("4286401") or<br>("4313640") or<br>("4316297") or<br>("4366611") or<br>("4375828") or<br>("4387516") or<br>("4389533") or<br>("4471872") or<br>("4474635") or<br>("4474840") or<br>("4496406") or<br>("4529092") or<br>("4546986") or<br>("4552135") or<br>("4826249") or<br>("5429852") or<br>("5626382") or<br>("5679296") or<br>("5847961") or<br>("5904386") or<br>("5913996") or<br>("5932331") or<br>("5962089") or<br>("6003938") or<br>("6029409") or<br>("6107569") or<br>("6129421") or<br>("6139086") or<br>("6238507") or<br>("6341921") or<br>("6426130") or<br>("6890462") or<br>("6982021") or<br>("7005092") or<br>("7108311") or<br>("7150471") or<br>("7323126") or<br>("7425029"))).PN. | US-PGPUB;<br>USPAT | OR | OFF | 2009/06/19<br>15:36 |
| S16 | 268 | S12 not S9 not S8 not S15<br>not S14 not S13  | US-PGPUB;<br>USPAT | OR | ON  | 2009/06/19<br>15:36 |
| S17 | 1   | (10/ 207333).APP.   | US-PGPUB;<br>USOCR | OR | ON  | 2009/06/19<br>15:41 |

|     |     |   |   |    |     |                     |
|-----|-----|---|---|----|-----|---------------------|
| S18 | 26  | ("3435483"   "3773450"  <br>"3822107"   "3832110"  <br>"4120477"   "4243362"  <br>"4676941"   "4688128"  <br>"4726758"   "4803031"  <br>"4840760"   "4935184"  <br>"4945440"   "5045268"  <br>"5084223"   "5094602"  <br>"5125816"   "5342002"  <br>"5429786"   "5766654"  <br>"5788906"   "6012914"  <br>"6261074"   "6413460"  <br>"6500376").PN. OR<br>("7462314").URPN. | US-PGPUB;<br>USPAT; USOCR   | OR | ON  | 2009/06/19<br>15:51 |
| S19 | 1   | (09/894761).APP.  | US-PGPUB;<br>USOCR  | OR | ON  | 2009/06/19<br>16:09 |
| S20 | 31  | ("2337550"   "4335068"  <br>"4973081"   "5002307"  <br>"5035444"   "5082310"  <br>"5084122"   "5183615"  <br>"5217253"   "5280947").<br>PN. OR ("5618485").<br>URPN.  | US-PGPUB;<br>USPAT; USOCR   | OR | ON  | 2009/06/19<br>17:56 |
| S21 | 430 | (264/254).CCLS.   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT                                | OR | OFF | 2009/06/19<br>20:11 |
| S22 | 416 | S21 not S9 not S8 not S15<br>not S14 not S13 not S16<br>not S18 not S20   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/06/19<br>20:12 |
| S23 | 0   | ("2009/0127738").URPN.  | USPAT   | OR | ON  | 2009/06/19<br>20:12 |

6/ 26/ 2009 5:19:26 PM

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